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## DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No.: P113US1

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **A Transmission Scheduler for a Multiple Antenna Wireless Cellular Network** the specification of which was filed on July 21, 2000 as U.S. Patent Application No. 09/621,119.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

### Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Priority Benefits Claimed?

_____	_____	_____	Yes ____	No ____
(Application No.)	(Country)	(Filing Date)		

### Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

_____	_____
(Application No.)	(Filing Date)

### Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

\_\_\_\_\_  
(Application No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status - patented, pending, abandoned)

**Power of Attorney**

And I hereby appoint **Brian R. Short, Esq. (Reg. No. 41,309)** as my principal attorney to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. I also hereby appoint **Steven D. Beyer, Esq. (Reg. No. 31,234), Jeffrey K. Weaver, Esq. (Reg. No. 31,314), and all registered patent agents and patent attorneys of the law firm Beyer & Weaver, LLP, 590 W El Camino Real, Mountain View, CA 94040** to transact any business in the Patent Office connected with the instant U.S patent application.

**Direct Correspondence To:**     **Patent Department  
Gigabit Wireless  
3099 N. First Street  
San Jose, CA 95134**

**Direct Telephone Calls To: Brian R. Short, Esq. at telephone number (408) 232-7500**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of:

First Inventor:     David J. Gesbert

Citizenship:     US

Inventor's signature: 

Date: 09/15, 2000

Residence: (City)     Mountain View

(State/Country)     CA / US

Post Office Address:     180 Beatrice Street, Mountain View, CA 94041

Second Inventor: Peroor K. Sebastian Citizenship: India

Inventor's signature:  Date: 9/15, 2000

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Third Inventor: Vinko Erceg Citizenship: USA

Inventor's signature:  Date: 10/17/, 2000

Residence: (City) San Jose (State/Country) CA / US

Post Office Address: 1440 Cedar Meadow Ct., San Jose, CA 95131

Fourth Inventor: Victor Shtrom Citizenship: US

Inventor's signature:  Date: 10/17, 2000

Residence: (City) Sunnyvale (State/Country) CA / US

Post Office Address: 125-153 Connemara Way, Sunnyvale, CA 94087


Fifth Inventor: Sanjay Kasturia Citizenship: \_\_\_\_\_

Inventor's signature:  Date: 9/21, 2000

Residence: (City) Palo Alto (State/Country) CA / US

Post Office Address: 776 Josina Avenue Palo Alto, CA 94306

Sixth Inventor: Arogyaswami J. Paulraj      Citizenship: India

Inventor's signature:       Date: 12/17, 2000

Residence:    (City) Stanford      (State/Country) CA / US

Post Office Address: 59 Peter Coutts Hill, Stanford, CA 94305



**VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS**  
**37 CFR 1.9(f) and 1.27(c)--SMALL BUSINESS CONCERN**

Applicant/Patentee: David J. Gesbert, et al.

Application or Patent No. Not Yet Assigned Atty. Docket # P113US1

Filing Date: July 21, 2000 Serial No.: 09/621,119

I hereby declare that I am

☐ the owner of the small business concern identified below:

☒ an official empowered to act on behalf of the small business concern identified below:

NAME OF CONCERN: Iospan Wireless, Inc.

ADDRESS: 3099 N. First Street, San Jose, CA 95134

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under 41(a) and (b) of Title 35, U.S. Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention entitled **Spatial Separation and Multi-Polarization of Antennae in a Wireless Cellular Network**, by inventor(s) David J. Gesbert, et al., described in

☐ the specification filed herewith.

☒ Application No. 09/621,119 filed July 21, 2000

☐ patent # \_\_\_\_\_ issued \_\_\_\_\_

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). \*Note: separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

Name: \_\_\_\_\_

Address: \_\_\_\_\_

☐ individual ☐ small business concern ☐ nonprofit organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 1001 of Title 18 of the U.S. Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Dr. Arogyaswami J. Paulraj

TITLE IN ORGANIZATION: Founder & CTO

SIGNATURE



DATE

12/8/, 2000